



# NATIONAL HEALTH INTERVIEW SURVEY EARLY RELEASE PROGRAM

## Preliminary Quarterly Microdata Files: National Health Interview Survey, January–June 2014

A preliminary microdata file for the January–June 2014 National Health Interview Survey (NHIS) is now available through the Centers for Disease Control and Prevention’s (CDC) National Center for Health Statistics (NCHS) Research Data Centers (RDCs). NHIS data users can analyze this file without having to wait for the final annual NHIS microdata files to be released (expected in or about June, following the end of the data collection year).

NCHS has RDCs located in Hyattsville, Maryland, and Atlanta, Georgia. NCHS data can also be accessed at U.S. Census Bureau RDCs and through remote access. Analysts wishing to use the files should follow standard procedures for using the RDC. Visit the [RDC website](#) for information on accessing and using the RDCs.

Starting with the 2010 NHIS, the NHIS Early Release Program has been producing preliminary microdata files containing selected NHIS variables for use in the RDC. For each data collection year (January through December), these variables are made available three times: in or about September (with data from the first quarter), in or about December (with data from the first two quarters), and in or about March of the next year (with data from the first three quarters).

These preliminary microdata files are produced prior to final data editing and final weighting, to provide early access to the most recent information from NHIS. Differences between estimates calculated using preliminary data files and final data files are typically less than 0.1 percentage point. However, preliminary estimates of persons without health insurance coverage are generally 0.1–0.3 percentage points lower than the final estimates due to the editing procedures used for the final data files.

The preliminary microdata file for the January–June 2014 NHIS is derived from the three main components of NHIS: (a) the Family Core, which collects information on all family members in each household; (b) the Sample Child Core, which collects information on one randomly selected child in each family with a child; and (c) the Sample Adult Core, which collects information from one randomly selected adult aged 18 or over in each family. The preliminary January–June 2014 file is based on 56,957 persons in the Family Core, 6,824 children in the Sample Child Core, and 18,484 adults in the Sample Adult Core. Visit the [NHIS website](#) for more information on the design, content, and use of NHIS.

Documentation for the preliminary microdata file is limited to a list of the variables on the file (see [Table](#) below). More information about the 2014 instrument may be found in the [2014 NHIS questionnaire](#). In addition, the [2013 NHIS Survey Description](#) document contains information that may be useful in analyzing these preliminary microdata files.

**Table. Variables on the Preliminary Quarterly Microdata File, and variables used to calculate recodes on the Preliminary Quarterly Microdata File, for Quarters 1 and 2 (January–June) of the 2014 National Health Interview Survey**

Variable	Description	Comment (source file) <sup>1</sup>
AASMEV	Ever been told you have asthma	On data file (SA)
AASMYR	Had an asthma episode/attack in past 12 months	On data file (SA)
AASSTILL	Still have asthma	On data file (SA)
ACPTPER	Processing variable	On data file (SA)
AGE	Age	On data file (F)
AHPVAGE	Age when received first HPV shot	On data file (SA)
ALCSUPYR	Number of days had 5+ (for men) or 4+ (for women) drinks in past year	On data file (SA)
ALCLIFE	Had 12+ drinks in entire life	On data file (SA)
APLKIND	Place of usual source of medical care	On data file (SA)
ASHFLUM2	Month of most recent flu shot	On data file (SA)
ASHFLUY2	Year of most recent flu shot	On data file (SA)
ASIEFFRT	How often felt everything was an effort in the past 30 days	On data file (SA)
ASIHIVT	Ever been tested for HIV	On data file (SA)
ASIHOPLS	How often felt hopeless in the past 30 days	On data file (SA)
ASINERV	How often felt nervous in the past 30 days	On data file (SA)
ASIRSTLS	How often felt restless/fidgety in the past 30 days	On data file (SA)
ASISAD	How often felt so sad nothing cheers you up in the past 30 days	On data file (SA)
ASIWTHLS	How often felt worthless in the past 30 days	On data file (SA)
ASPFLUM2	Month of most recent flu nasal vaccine	On data file (SA)
ASPFLUY2	Year of most recent flu nasal vaccine	On data file (SA)
ASTATFLG	Sample adult flag	On data file (SA)
AUSUALPL	Usual source of medical care	On data file (SA)
BMI	Body mass index	On data file (SA)
CANAGE1	Age first diagnosed with bladder cancer	Not on data file (SA), used for recode
CANAGE10	Age first diagnosed with kidney cancer	Not on data file (SA), used for recode
CANAGE11	Age first diagnosed with larynx-windpipe cancer	Not on data file (SA), used for recode
CANAGE13	Age first diagnosed with liver cancer	Not on data file (SA), used for recode
CANAGE14	Age first diagnosed with lung cancer	Not on data file (SA), used for recode
CANAGE16	Age first diagnosed with melanoma	Not on data file (SA), used for recode
CANAGE17	Age first diagnosed with mouth/tongue/lip cancer	Not on data file (SA), used for recode
CANAGE18	Age first diagnosed with ovarian cancer	Not on data file (SA), used for recode
CANAGE19	Age first diagnosed with pancreatic cancer	Not on data file (SA), used for recode
CANAGE20	Age first diagnosed with prostate cancer	Not on data file (SA), used for recode
CANAGE21	Age first diagnosed with rectal cancer	Not on data file (SA), used for recode
CANAGE24	Age first diagnosed with soft-tissue cancer	Not on data file (SA), used for recode
CANAGE25	Age first diagnosed with stomach cancer	Not on data file (SA), used for recode
CANAGE26	Age first diagnosed with testicular cancer	Not on data file (SA), used for recode
CANAGE27	Age first diagnosed with throat/pharynx cancer	Not on data file (SA), used for recode
CANAGE28	Age first diagnosed with thyroid cancer	Not on data file (SA), used for recode

See footnotes at the end of table.

**Table. Variables on the Preliminary Quarterly Microdata File, and variables used to calculate recodes on the Preliminary Quarterly Microdata File, for Quarters 1 and 2 (January–June) of the 2014 National Health Interview Survey—continued**

Variable	Description	Comment (source file) <sup>1</sup>
CANAGE29	Age first diagnosed with uterine cancer	Not on data file (SA), used for recode
CANAGE3	Age first diagnosed with bone cancer	Not on data file (SA), used for recode
CANAGE30	Age first diagnosed with other cancer	Not on data file (SA), used for recode
CANAGE4	Age first diagnosed with brain cancer	Not on data file (SA), used for recode
CANAGE5	Age first diagnosed with breast cancer	Not on data file (SA), used for recode
CANAGE6	Age first diagnosed with cervical cancer	Not on data file (SA), used for recode
CANAGE7	Age first diagnosed with colon cancer	Not on data file (SA), used for recode
CANAGE8	Age first diagnosed with esophageal cancer	Not on data file (SA), used for recode
CANAGE9	Age first diagnosed with gallbladder cancer	Not on data file (SA), used for recode
CANAGE29	Age first diagnosed with uterine cancer	Not on data file (SA), used for recode
CANAGE3	Age first diagnosed with bone cancer	Not on data file (SA), used for recode
CANAGE30	Age first diagnosed with other cancer	Not on data file (SA), used for recode
CANAGE4	Age first diagnosed with brain cancer	Not on data file (SA), used for recode
CANAGE5	Age first diagnosed with breast cancer	Not on data file (SA), used for recode
CANAGE6	Age first diagnosed with cervical cancer	Not on data file (SA), used for recode
CANAGE7	Age first diagnosed with colon cancer	Not on data file (SA), used for recode
CANAGE8	Age first diagnosed with esophageal cancer	Not on data file (SA), used for recode
CANAGE9	Age first diagnosed with gallbladder cancer	Not on data file (SA), used for recode
CANEV	Ever told by a doctor you had cancer	Not on data file (SA), used for recode
CASHMEV	Ever been told sample child had asthma	On data file (SC)
CASHYR	Had an asthma episode/attack in past 12 months	On data file (SC)
CASSTILL	Still has asthma	On data file (SC)
CBRCHYR	Told you had chronic bronchitis in past 12 months	Not on data file (SA), used for recode
CBSASTAT	Core-based statistical area (CBSA)/metropolitan statistical area (MSA) status	Not on data file, used for MSA recode
CBSASIZE	Core-based statistical area (CBSA) size	Not on data file, used for recode
CCONDL	Any condition (child); used only for Early Release processing	Not on data file (SC), used for recode
CCONDL02	Ever told sample child had cerebral palsy	Not on data file (SC), used for recode
CCONDL03	Ever told sample child had muscular dystrophy	Not on data file (SC), used for recode
CCONDL04	Ever told sample child had cystic fibrosis	Not on data file (SC), used for recode
CCONDL05	Ever told sample child had sickle cell anemia	Not on data file (SC), used for recode
CCONDL07	Ever told sample child had diabetes	Not on data file (SC), used for recode
CCONDL09	Ever told sample child had congenital heart disease	Not on data file (SC), used for recode
CCONDL10	Ever told sample child had other heart condition	Not on data file (SC), used for recode
CHDEV	Ever been told you had coronary heart disease	Not on data file (SA), used for recode
CIGQTYR	Stopped smoking for more than 1 day,, in past 12 months, due to quit attempt	On data file (SA)
CNKIND12	What kind of cancer ... leukemia	Not on data file (SA), used for recode
CNKIND15	What kind of cancer ... lymphoma	Not on data file (SA), used for recode
CNKIND2	What kind of cancer ... blood	Not on data file (SA), used for recode
CPLKIND	Place of usual source of medical care—child	On data file (SC)
CSHFLU12	Had flu vaccination in past 12 months	On data file (SC)
CSHFLUM1	Month of most recent flu vaccine	On data file (SC)
CSHFLUM2	Month of next most recent flu vaccine	On data file (SC)

See footnotes at the end of table.

**Table. Variables on the Preliminary Quarterly Microdata File, and variables used to calculate recodes on the Preliminary Quarterly Microdata File, for Quarters 1 and 2 (January–June) of the 2014 National Health Interview Survey—*continued***

Variable	Description	Comment (source file) <sup>1</sup>
CSHFLUNM	Number of flu vaccines in past 12 months	On data file (SC)
CSHFLUY1	Year of most recent flu vaccine	On data file (SC)
CSHFLUY2	Year of next most recent flu vaccine	On data file (SC)
CSHSPFL1	Flu shot or nasal spray (1st dose)	On data file (SC)
CSHSPFL2	Flu shot or nasal spray (2nd dose)	On data file (SC)
CSTATFLG	Sample child flag	On data file (SC)
CUSUALPL	Usual source of medical care—child	On data file (SC)
DIBEV	Ever been told that you have diabetes	On data file (SA)
DOB_D	Day of birth	On data file (F)
DOB_M	Month of birth	On data file (F)
DOB_Y	Year of birth	On data file (F)
EDUCATE	<u>Recode</u> : Education level	On data file (F), values for EDUCATE are the same as EDUC1 on the final file
EMPLOY	<u>Recode</u> : Employment status indicator created for Early Release analysis. This variable does not appear on the final files.	On data file (F, SA) 1 = employed 2 = unemployed 3 = not in workforce 4 = unknown employment status
EPHEV	Ever been told you had emphysema	Not on data file (SA), used for recode
EREGION <sup>2</sup>	<u>Recode</u> : Expanded regions. The US is divided into 9 regions. The regions are a modification of the 9 Census divisions.	On data file (F) 1 = New England 2 = Middle Atlantic 3 = East North Central 4 = West North Central 5 = South Atlantic 6 = East South Central 7 = West South Central 8 = Mountain 9 = Pacific
EXCHANGE	<u>Recode</u> : Persons classified as having private health insurance coverage through the Health Insurance Marketplace or state-based exchanges	On data file (F) 1 = Has exchange coverage 2 = Does not have exchange coverage 8 = Not ascertained
FLU2RISK <sup>3</sup>	<u>Recode</u> : Adult at high risk of influenza-related complications	On data file (SA)
FMX	Family serial number	On data file
FPX	Family identifier	On data file
FSA	Flexible spending accounts	On data file (F)
HDHP1	High deductible health plan (plan 1)	On data file (F)
HDHP2	High deductible health plan (plan 2)	On data file (F)
HDHP3	High deductible health plan (plan 3)	On data file (F)
HDHP4	High deductible health plan (plan 4)	On data file (F)
HHX	Household identifier	On data file
HHRACRI2	3 race groups with multiple race and ethnicity	On data file (F)

See footnotes at the end of table.

**Table. Variables on the Preliminary Quarterly Microdata File, and variables used to calculate recodes on the Preliminary Quarterly Microdata File, for Quarters 1 and 2 (January–June) of the 2014 National Health Interview Survey—continued**

Variable	Description	Comment (source file) <sup>1</sup>
HILAST	How long since last had health coverage for persons who are currently uninsured	On data file (F)
HINOTMYR	Number of months without health coverage during past 12 months for persons who are currently insured	On data file (F)
HINOTYR	No health coverage during past 12 months for persons who are currently insured	On data file (F)
HISPCODE	5 race groups with multiple race and ethnicity	On data file (F) 1=Hispanic 2=Non-Hispanic white only 3=Non-Hispanic black only 4=Non-Hispanic Asian only 5=Non-Hispanic multirace
HRTEV	Ever been told you had a heart condition/disease	Not on data file (SA), used for recode
HYPEV	Ever been told you had hypertension	On data file (SA)
HSAHRA1	Health Savings Accounts/Health Reimbursement Accounts (plan 1)	On data file (F)
HSAHRA2	Health Savings Accounts/Health Reimbursement Accounts (plan 2)	On data file (F)
HSAHRA3	Health Savings Accounts/Health Reimbursement Accounts (plan 3)	On data file (F)
HSAHRA4	Health Savings Accounts/Health Reimbursement Accounts (plan 4)	On data file (F)
INSURED6	<u>Recode</u> : Insurance coverage status created for Early Release analysis. This variable does not appear on the final files.	On data file (F) 0 = uninsured 1 = covered 9 = not ascertained
INT_DATE	Interview date	On data file (F)
INTV_QRT	Interview quarter	On data file (F)
KIDWKYR	Told you had weak/failing kidneys in past 12 months	Not on data file (SA), used for recode
LIVYR	Told you had liver condition in past 12 months	Not on data file (SA), used for recode
MAEXP <sup>4</sup>	<u>Recode</u> : State Medicaid expansion status as of October 31, 2013	On data file (F) 1 = States moving forward with Medicaid expansion at this time 2 = States not moving forward with Medicaid expansion at this time
MIEV	Ever been told you had a heart attack	Not on data file (SA), used for recode
MODFREQW	Frequency of light/moderate activity (times per week)	On data file (SA)
MODMIN	Duration of light/moderate activity (in minutes)	On data file (SA)
MODNO	Frequency of light/moderate activity (number of units)	On data file (SA)
MODTP	Frequency of light/moderate activity (time units)	On data file (SA)
MSA <sup>5</sup>	<u>Recode</u> : Metropolitan statistical area (MSA)	On data file (F) 1 = large MSA 2 = small MSA 3 = not in MSA
PDMD12M	Delayed medical care due to cost	On data file (F)
PHSTAT	Respondent-assessed health status	On data file (F)
PLAADL	Need help with personal care	On data file (F)
PLNWRK1	How plan was originally obtained (plan 1)	On data file (F)
PLNWRK2	How plan was originally obtained (plan 2)	On data file (F)
PLNWRK3	How plan was originally obtained (plan 3)	On data file (F)
PLNWRK4	How plan was originally obtained (plan 4)	On data file (F)

See footnotes at the end of table.

**Table. Variables on the Preliminary Quarterly Microdata File, and variables used to calculate recodes on the Preliminary Quarterly Microdata File, for Quarters 1 and 2 (January–June) of the 2014 National Health Interview Survey—continued**

Variable	Description	Comment (source file) <sup>1</sup>
PNEBOTH <sup>6</sup>	<u>Recode</u> : Adult at high risk of pneumococcal disease	On data file (SA)
PNMED12M	Did not get medical care due to cost	On data file (F)
POVCAT5	<u>Recode</u> : Poverty status created for Early Release analysis – 6 categories. This variable does not appear on the final files.	On data file (F) 1 = less than 100% federal poverty level (FPL) 2 = 100% to less than or equal to 138% FPL 3 = greater than 138% to less than or equal to 250% FPL 4 = greater than 250% to less than or equal to 400% FPL 5 = greater than 400% FPL 6 = unknown FPL
POVERTY	<u>Recode</u> : Poverty status created for Early Release analysis – 4 categories. This variable does not appear on the final files.	On data file (F) 1 = less than 100% FPL 2 = 100% to less than 200% FPL 3 = 200%+ FPL 4 = unknown FPL
PREGNOW	Currently pregnant	On data file (SA)
PSU_ER	Primary sampling unit for Early Release analysis	On data file
R_MARITL	Marital status	On data file (F)
REGION	United States divided into four geographic regions	On data file (F)
RISKCHDNEW <sup>3</sup>	<u>Recode</u> : Child at high risk of influenza-related complications	On data file (SC)
SADATE	Sample adult interview date	On data file (SA)
SCDATE	Sample child interview date	On data file (SC)
SEIZE1	Had seizures in past 12 months (sample children 0–2 years)	Not on data file (SC), used for recode
SEIZE2	Had seizures in past 12 months (sample children 3–17 years)	Not on data file (SC), used for recode
SEX	Sex	On data file (F)
SHEPANUM	Number of shots of hepatitis A vaccine received	On data file (SA)
SHEPDOS	Number of doses of hepatitis B vaccine received	On data file (SA)
SHHPVDOS	Number of shots of HPV vaccine received	On data file (SA)
SHINGLES	Ever had shingles or zoster vaccine	On data file (SA)
SHTFLU2	Flu shot in past 12 months	On data file (SA)
SHTHEPA	Ever had hepatitis A vaccine	On data file (SA)
SHTHEPB	Ever had hepatitis B vaccine	On data file (SA)
SHTHPV2	Ever received HPV vaccine or shot	On data file (SA)
SHTPNUYR	Pneumonia shot, ever	On data file (SA)
SHTTD	Tetanus shot in past 10 years	On data file (SA)
SHTTD05	Tetanus shot given in 2005 or later	On data file (SA)
SHTTDAP	Tdap vaccine included in pertussis/whooping cough vaccine	On data file (SA)
SMARKET <sup>7</sup>	<u>Recode</u> : State Health Insurance Marketplace type as of October 31, 2013	On data file (F) 1 = State-based Marketplace states 2 = Partnership Marketplace states 3 = Federally-facilitated Marketplace states
SMKSTAT2	<u>Recode</u> : Smoking status	On data file (SA)

See footnotes at the end of table.

**Table. Variables on the Preliminary Quarterly Microdata File, and variables used to calculate recodes on the Preliminary Quarterly Microdata File, for Quarters 1 and 2 (January–June) of the 2014 National Health Interview Survey—continued**

Variable	Description	Comment (source file) <sup>1</sup>
STRAT_ER	Stratum for Early Release analysis	On data file
STRFREQW	Strength activity frequency (number of units)	On data file (SA)
TRAVEL	Ever traveled outside United States to countries other than Europe, Japan, Australia, New Zealand, or Canada since 1995	On data file (SA)
TYPEPRI	<u>Recode</u> : Private coverage variable created for Early Release analysis. This variable does not appear on the final files.	On data file (F) 0 = no private 1 = yes private 9 = not ascertained
TYPEPUB	<u>Recode</u> : Public coverage variable created for Early Release analysis. This variable does not appear on the final files.	On data file (F) 0 = no public 1 = yes public 9 = not ascertained
VIGFREQW	Frequency of vigorous activity (times per week)	On data file (SA)
VIGMIN	Duration of vigorous activity (in minutes)	On data file (SA)
VIGNO	Frequency of vigorous activity (number of units)	On data file (SA)
VIGTP	Frequency of vigorous activity (time units)	On data file (SA)
WRKDIR	Volunteer or work in health care facility	On data file (SA)
WRKHLTH	Provide direct patient care	On data file (SA)
WTFA	Final annual Person weight	On data file
WTFA_SA	Final annual Sample Adult weight	On data file
WTFA_SC	Final annual Sample Child weight	On data file

<sup>1</sup>“On data file” means the variable is on the preliminary microdata file. “Not on data file” means the variable is used in the creation of a recode but is not on the preliminary microdata file. Source files are coded as follows: F is Family Core, SA is Sample Adult Core, and SC is Sample Child Core.

<sup>2</sup>The New England region includes CT, ME, MA, NH, RI, and VT. The Middle Atlantic region includes DE, DC, MD, NJ, NY, and PA. The East North Central region includes IL, IN, MI, OH, and WI. The West North Central region includes IA, KS, MN, MO, NE, ND, and SD. The South Atlantic region includes FL, GA, NC, SC, VA, and WV. The East South Central region includes AL, KY, MS, and TN. The West South Central region includes AR, LA, OK, and TX. The Mountain region includes AZ, CO, ID, MT, NV, NM, UT, and WY. The Pacific region includes AK, CA, HI, OR, and WA.

<sup>3</sup>Adults categorized as being at high risk for influenza-related complications self-reported one or more of the following: (a) ever being told by a physician that they had diabetes, emphysema, coronary heart disease, angina, a heart attack, or other heart condition; (b) having had a diagnosis of cancer during the previous 12 months (excluding nonmelanoma skin cancer), or ever being told by a physician that they have lymphoma, leukemia, or blood cancer during the previous 12 months; (c) having been told by a physician that they had chronic bronchitis or weak or failing kidneys; or (d) having had an asthma episode or attack during the preceding 12 months. For children under age 18 years, high-risk conditions reported by a knowledgeable adult included (a) ever having been told by a physician that the child had diabetes, cystic fibrosis, sickle cell anemia, congenital heart disease, other heart disease, or a neuromuscular condition (seizures, cerebral palsy, or muscular dystrophy), or (b) the child having had an asthma episode or attack during the preceding 12 months. Both recodes (FLU2RISK for adult and RISKCHDNEW for child) for high risk of influenza-related complications are based on source variables indicated in this table by the comment, “Not on data file (SA), used for recode” or “Not on data file (SC), used for recode.”

<sup>4</sup>Medicaid expansion status is as of October 31, 2013. States moving forward with Medicaid expansion at this time include AZ, AR, CA, CO, CT, DE, DC, HI, IL, IA, KY, MD, MA, MI, MN, NV, NJ, NM, NY, ND, OH, OR, RI, VT, WA, and WV. States not moving forward with Medicaid expansion at this time include AL, AK, FL, GA, ID, IN, KS, LA, ME, MS, MO, MT, NE, NH, NC, OK, PA, SC, SD, TN, TX, UT, VA, WI, WY.

<sup>5</sup>MSA is metropolitan statistical area. Large MSAs have a population size of 1 million or more; small MSAs have a population size of less than 1 million. “Not in MSA” consists of persons not living in an MSA.

<sup>6</sup>Adults were considered at high risk for pneumococcal disease if they (a) had ever been told by a doctor or other health professional that they had diabetes, emphysema, coronary heart disease, angina, a heart attack, or other heart condition; (b) had a diagnosis of cancer during the previous 12 months (excluding nonmelanoma skin cancer); (c) had ever been told by a doctor or other health professional that they had lymphoma, leukemia, or blood cancer; or (d) had been told by a doctor or other health professional that they had chronic bronchitis or weak or failing kidneys during the preceding 12 months. This recode (PNEBOTH) is based on the source variables indicated in this table by the comment, “Not on data file (SA), used for recode.”

<sup>7</sup>Marketplace type is as of October 31, 2013. State-based Marketplace states includes CA, CO, CT, DC, HI, ID, KY, MD, MA, MN, NV, NM, NY, OR, RI, VT, and WA. Partnership Marketplace states includes AR, DE, IL, IA, MI, NH, and WV. Federally-facilitated Marketplace states includes AL, AK, AZ, FL, GA, IN, KS, LA, ME, MS, MO, MT, NE, NJ, NC, ND, OH, OK, PA, SC, SD, TN, TX, UT, VA, WI, WY.